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WHAT IS CLAIMED IS:

1. A metal-enclosed switchgear comprising:

a vacuum-valve breaker;

an insulator tube;

a disconnecter; and

a metallic enclosure accommodating said vacuum-valve breaker, said insulator tube and said disconnecter;

wherein said insulator tube is fixed at its one end in an axial direction to the inside of said metallic enclosure, said insulator tube having near its other end in the axial direction a bus line fixing portion for supporting a bus-side conductor in an insulated fashion, and said vacuum-valve breaker is fixed inside said insulator tube, said vacuum-valve breaker having at its one and other ends in the axial direction a movable electrode rod and a stationary electrode rod, respectively; and

wherein said disconnecter includes:

a blade support member electrically connected to said movable electrode rod by a connecting conductor and fixed to a peripheral part of said insulator tube; a bus line terminal fixed and connected to said bus-side conductor; and

a blade swingably attached to said blade support member at one end such that the other end of said blade can be brought into contact with and

separated from said bus line terminal, whereby said blade works as a disconnecting device.

2. The metal-enclosed switchgear according to claim 1 further comprising:

a grounding terminal provided at a specific position of said metallic enclosure such that the swingable end of said blade can be brought into contact with and separated from said grounding terminal;

whereby said blade works as a three-point disconnecting device which establishes an ON state when the swingable end of said blade is in contact with said bus line terminal, a grounded state when the swingable end of said blade is in contact with said grounding terminal, and an OFF state when the swingable end of said blade is held at an intermediate position between said bus line terminal and said grounding terminal.

3. The metal-enclosed switchgear according to claim 1, wherein said insulator tube includes an insulating barrier formed as an integral part of said insulator tube to surround at least one of peripheral parts of a stationary conductor side exposed portion of said vacuum-valve breaker, a portion of a side wall of said insulator tube where said connecting conductor passes through and said blade support

member.

4. The metal-enclosed switchgear according to claim 3, wherein said insulating barrier is formed to surround the peripheral part of the stationary conductor side exposed portion of said vacuum-valve breaker at an insulation barrier height larger than the maximum height of the stationary conductor side exposed portion.

5. The metal-enclosed switchgear according to claim 3, wherein said insulating barrier is formed to surround the peripheral part of the stationary conductor side exposed portion of said vacuum-valve breaker, the width of the stationary conductor side exposed portion decreasing in a steplike fashion with its height, and wherein an insulation barrier height is made larger than the height of a part of the stationary conductor side exposed portion where its width is maximized.

6. The metal-enclosed switchgear according to claim 3, wherein more than one set of said vacuum-valve breaker, said insulator tube and said disconnecter is arranged parallel to each other for multiple phases and, given a phase-to-phase insulating distance of 100 to 110 mm between conductor portions of adjacent phases, each including at

least one of said connecting conductor and said blade support member, and a insulating distance of 100 to 110 mm between said conductor portions and said metallic enclosure, said conductor portion and said insulating barrier of each phase is separated by an insulating distance of 15 to 30 mm in a direction in which said insulator tubes of the individual phases are arranged.

7. The metal-enclosed switchgear according to claim 1, wherein said insulator tube is produced by molding a resin material in such a shape that an inner wall surface of said insulator tube is inclined with respect to its axial direction.

8. The metal-enclosed switchgear according to claim 1, wherein said insulator tube is in tight contact with an outer surface of said vacuum-valve breaker except at its portion of said movable electrode rod.

9. The metal-enclosed switchgear according to claim 1, wherein said metallic enclosure has a hermetically sealed structure in which gas is sealed at a pressure higher than the atmospheric pressure, said gas being selected from the group consisting of:

(1) dehydrated air;

- (2) nitrogen;
- (3) a mixture of nitrogen and oxygen;
- (4) a mixture of nitrogen, oxygen and air;
- (5) sulfur hexafluoride;
- (6) a mixture of sulfur hexafluoride and nitrogen;
- (7) a mixture of sulfur hexafluoride and air; and
- (8) a mixture of sulfur hexafluoride and dehydrated air.